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| OPI    | SINAL    |       | ISSUING CLASSIFICATION  CROSS REFERENCE(S) |                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------|----------|-------|--------------------------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| CLASS  | SUBCLASS | CLACC | CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)    |                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CLASS  | SUBCLASS | CLASS |                                            | SUBCLASS JUNE SUBCLASS PER BLUCK)            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 62     | 260      | 62    | 324.1                                      |                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
| INTERN | IATIONAL |       |                                            |                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CLASSI | FICATION |       |                                            |                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
| F25B1  | 3 100    |       |                                            |                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C25D 2 | 231/2    |       | ·                                          |                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|      |             |               |          |          |          |    |          |          |          |          |     |          |          | IN       | DE)          | (0         | F CI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LAII     | MS              |             |          |              |          |                 |          | ide      |            |            |          |          |          |
|------|-------------|---------------|----------|----------|----------|----|----------|----------|----------|----------|-----|----------|----------|----------|--------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------|----------|--------------|----------|-----------------|----------|----------|------------|------------|----------|----------|----------|
| J    |             |               |          |          |          |    |          |          |          |          |     |          | al)      | Can      | celed        | Í          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N        |                 |             | ۸        | lon-ele      | cted     | Α.              | •••••    |          | F          | \pp        | eal      |          |          |
| =    |             |               |          |          |          |    |          |          |          |          |     |          | اا       | nterfen  | ence         | O Objected |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              |          |                 |          |          |            |            |          |          |          |
| lai  | m           |               |          | _        |          | D  | ate      | _        |          |          |     | Cla      | im       |          | _            | _          | Da                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | te       |                 | _           |          | CI           | eim      | _               | _        | _        | <u>D</u> a | <u>ite</u> | _        | _,       |          |
| ŀ    |             | 10/2          | ١,       |          |          |    | 1        |          |          |          |     | 1        | ᡖ        |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 蔨        |                 |          |          |            |            | ١        | - 1      | 1        |
| 1    | 5           | 1             |          | - 1      |          |    |          |          |          |          |     | 9        | 통        |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          | <del>-</del> | Original |                 | -        |          |            | - 1        | - 1      | i        |          |
| R    | ) Onginal   | 1             | ı        | - 1      |          |    | ĺ        | •        |          |          |     | Final    | Original |          |              |            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |                 |             |          | Final        | ŏ        |                 | - 1      | - 1      | - [        |            | - 1      |          |          |
| K    | ਹ           | ij            | $\dashv$ | $\dashv$ | $\neg$   |    | ⊢        | ┢        | $\vdash$ | Н        |     | ⊢        | 51       | +        | ╅            | ╁          | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H        | Н               |             | $\vdash$ | -            | 101      | -               | ┪        | ╅        | $\dashv$   | +          | -        | -        | -        |
|      | <u>&gt;</u> | ~             | -1       | ┪        | -        | -  | -        | H        | H        | ┝        |     | ⊢        | 52       | -+       | ╁            | +-         | ┿                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ┿        | Н               |             | $\dashv$ | -            | 102      | H               | ╅        | $\dashv$ | ┪          | ┪          | ┪        | $\dashv$ | ┥        |
|      | 3           | 0             | ┥        |          |          | -  | ⊢        | Н        | -        | $\vdash$ |     | ⊢        | 53       | +        | ╁            | ╁          | ┿                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\vdash$ | Н               | -           | $\dashv$ | $\vdash$     | 103      | Н               | ┥        | ┪        | ╛          | ╛          | -1       | ┥        | ┥        |
| _    | 4           | _             | $\dashv$ | -        | $\dashv$ | -  | $\vdash$ | Н        | Н        | $\vdash$ |     | ⊢        | 54       | +        | +            | +          | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ⊢        | Н               | -           | $\dashv$ | -            | 104      | Н               | ┥        | ⇥        | -+         | $\dashv$   | -{       |          |          |
|      | _           | 9             | ᅱ        | $\dashv$ | -        | -  | -        | ⊢        | Н        | ⊢        |     | ⊢        | 55       | +        | ╁            | +          | ╫                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ⊢        | Н               |             | $\dashv$ |              | 105      | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$   | ┥          | $\dashv$ | +        | ⊣        |
| _    | 6           | J             | $\dashv$ | -        | -        | _  | ┝        | ⊢        | <u> </u> | ⊢        |     | ⊢        | 56       | +        | +            | +-         | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ⊢        | Н               | -           | $\dashv$ | <b>—</b>     | 106      | Н               | $\dashv$ | $\dashv$ | +          | ⊣          | -1       | $\dashv$ | $\dashv$ |
|      |             | j             | ┥        | $\dashv$ | _        | _  | -        | Н        | $\vdash$ | ⊢        |     | ⊢        | 57       | +        | +            | ┿          | ╫                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ⊢        | Н               |             | _        | -            | 107      | $\vdash$        | -        | $\dashv$ | $\dashv$   | -          | -1       | $\dashv$ | $\dashv$ |
| _    |             |               |          | $\dashv$ |          | _  | -        | Н        | <u> </u> | ⊢        |     | -        | 58       | +        | +            | +-         | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ⊢        | Н               | $\vdash$    | -        |              | 108      | Н               | +        | $\dashv$ | +          | -          | -        | 4        | $\dashv$ |
| _    | 9           | ŏ             | $\dashv$ | -        | _        |    | L        | Н        | Н        | ⊢        |     | -        | 59       | +        | +            | +-         | ╄                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ├        | Н               | Щ           | Н        | -            | 109      | Н               | -        | +        | -          | -          | $\dashv$ | 4        | $\dashv$ |
|      |             | Ø             |          | -        | _        |    | ┡        | Ь.       | _        | Н        |     | ⊢        | 60       | _        | +            | +-         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ļ.,      | Н               |             | -        | * II         | 110      | Н               | -        | -        | -          | 4          | 4        | 4        | _        |
| _    |             | 3             | -        | -1       | _        |    | <u>-</u> | <u> </u> | Щ        | H        |     | ⊢        | 61       | +        | +            | +          | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | -               |             |          | -            | 111      | $\vdash$        | -        | -        | +          | +          | -        | $\dashv$ |          |
| - 1- |             | $\overline{}$ | -        | 4        | -        |    | $\vdash$ | $\vdash$ | $\vdash$ | Н        | 1   | ⊢        | 62       | +        | +            | - -        | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\vdash$ | Н               | $\square$   | Щ        | -            |          | $\vdash$        |          | $\dashv$ | $\dashv$   | 4          | -        | 4        | _        |
|      | (2)         | •             |          | _        |          |    | <u> </u> | Н        | $\vdash$ | -        |     | -        |          | +        | +-           | +          | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\vdash$ | $\vdash \vdash$ |             | $\vdash$ | <b> </b>     | 112      | $\vdash \vdash$ |          |          | -+         |            | -        | -        |          |
|      | 13)         | $\geqslant$   | 4        | 4        | _        |    | L        | $\vdash$ | H        |          |     | ├-       | 63       | +        | +            | +          | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\vdash$ | $\vdash$        | Ш           | Щ        | <b> </b>     | 113      | ┝╌┤             |          | -+       | $\dashv$   | 4          | 4        | 4        | 4        |
| _    |             | 7             | -        | 4        |          |    | $\vdash$ | <b>—</b> | <u> </u> | ⊢        |     | ⊢        | 64       | -        | +            | +          | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ـ        | Щ               | Щ           | Н        | <u> </u>     | 114      | Н               | -        | $\dashv$ | 4          | 4          | 4        | -4       | _        |
|      | _           | 1             | 4        |          | _        | L  | <u> </u> | $\vdash$ | L        | $\vdash$ |     | ├-       | 65       | +        | +            | 1          | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ↓_       | Щ               |             | Щ        | <b> </b>     | 115      | Н               | _        | $\dashv$ | -          | _          | _        | -        | _        |
| _    | 16          | 7)            |          | _        | _        |    | <u> </u> | ш        | L        | L        |     | ⊢        | 66       | -        | ┵            | +          | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ┞        |                 | Щ           | Щ        | <u> </u>     | 116      | Н               | -        | 4        | 4          | 4          | _        | _        | _        |
| _    | 17          | J             | _        | _        | $\Box$   |    | _        | _        |          | Ш        |     | ⊢        | 67       | 4        | 4            | +          | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u> | $\vdash$        |             | Щ        | <b>—</b>     | 117      | $\vdash$        |          | -        | 4          | 4          | _        | _        | _        |
| _    | 18          | *             | _        | _        | ш        |    | ļ        | L.       | L        | L        |     | <u>_</u> | 68       | 4        | _            | 4          | 4_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ᆜ        |                 |             | Ш        | <u> </u>     | 118      | Щ               | _        | _        | 4          | 4          | _        | Ц        |          |
| ㅗ    | 19          | Ц             | 4        | _        | _        |    | Ŀ        | Ш        | L.       | _        |     | L        | 69       | 4        | 4            | _          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ــــ     | _               |             |          |              | 119      |                 |          | _        | 4          | _          | _        | Ц        |          |
| _    | 20          | $\geq$        | _        | _        |          |    | L        | Ш        | L        |          |     | ┕        | 70       |          | ᆚ-           | $\perp$    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u> </u> | L               |             |          |              | 120      | Ш               | _        | _        | _          | _          |          |          |          |
| _    | 21          |               | _        | _        |          |    | L        |          | L        | L        |     | L        | 71       |          | ┸            | ┵          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L        | 乚               |             |          |              | 121      | Ш               |          | _]       |            | _          |          |          |          |
|      | 22          |               |          |          |          |    |          |          | _        | _        |     | L        | 72       |          | $\perp$      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | L               |             |          |              | 122      | Ш               |          | _        | _          | _          |          |          |          |
| _    | 23          |               | _        | •        |          |    |          |          |          | L        |     | L        | 73       | $\perp$  | $\perp$      | $\perp$    | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L        | L               |             |          |              | 123      | Ш               | _        | Ц        | _          | _          |          |          |          |
|      | 24          |               |          |          |          |    | 乚        |          |          | L        |     | L        | 74       | _        | _            | $\perp$    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1        |                 |             |          | L            | 124      | Ш               | _        | _        | _          | _          | _        | Ш        |          |
|      | 25          |               |          |          |          |    |          |          |          |          |     | L        | 75       |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 125      | Ш               | _        | _        |            | _          |          |          |          |
| _1   | 26          |               |          |          |          |    | _        |          |          |          |     |          | 76       | $\perp$  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          | L            | 126      | Ш               | $\Box$   | ┙        |            |            |          |          |          |
| ㅗ    | 27          |               |          |          |          |    |          |          |          |          |     |          | 77       | $\perp$  |              |            | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _        |                 |             | L        |              | 127      | Ш               | _        |          | $\dashv$   | _          | _        |          |          |
|      | 28          |               |          |          | !        |    |          |          |          |          |     |          | 78       |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ]        |                 |             |          |              | 128      |                 |          |          |            |            |          |          |          |
| L_   | 29          |               |          |          |          |    |          |          |          |          |     |          | 79       |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 129      |                 |          |          |            |            |          |          |          |
| Ţ    | 30          |               |          |          |          |    |          | ٠,       |          |          |     |          | 80       |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 130      |                 |          |          |            |            |          |          |          |
| Ţ    | 31          |               |          |          |          |    | Γ.       |          |          |          |     |          | 81       |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 131      |                 |          |          |            |            |          |          |          |
| Ţ    | 32          |               |          |          |          |    |          |          |          |          |     |          | 82       |          | ightharpoons |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 132      |                 |          |          |            |            |          |          |          |
| Т    | 33          |               |          |          |          |    |          |          |          |          | ]   |          | 83       |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 133      |                 |          |          |            |            |          |          |          |
| T    | 34          |               |          |          |          |    |          |          |          |          | ]   |          | 84       |          |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 134      |                 |          |          |            |            |          |          |          |
| T    | 35          |               |          |          |          |    | Г        |          | 1        |          | 1   |          | 85       |          |              |            | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |                 |             |          |              | 135      |                 |          |          |            |            |          |          |          |
| 7    | 36          |               |          |          |          |    |          |          | Г        |          | 1   |          | 86       |          |              | Т          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 136      |                 |          |          |            |            |          |          |          |
| 7    | 37          |               |          |          |          |    |          |          |          |          | 1   |          | 87       | $\top$   |              |            | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T        |                 |             |          |              | 137      |                 |          |          |            |            |          |          |          |
| 1    | 38          |               |          |          |          |    |          | Π        | Г        |          | 1   | Г        | 88       |          |              | $\top$     | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |                 |             |          |              | 138      |                 |          |          |            |            |          |          |          |
| 1    | 39          |               |          |          |          |    |          | Γ        |          |          | 1   |          | 89       |          | T            |            | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Γ        |                 |             |          | I            | 139      | $\Box$          |          |          |            |            |          |          |          |
| Ī    | 49          |               |          |          |          |    |          |          |          |          | ] ' |          | 90       | _        |              |            | $\mathbf{I}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                 |             |          |              | 140      |                 |          |          |            |            |          |          |          |
| Ţ    | 41          | П             |          |          |          |    |          |          |          | Г        | 1   | Г        | 91       |          |              | T          | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |                 |             |          |              | 141      |                 |          |          |            |            |          |          |          |
| 1    | 42          | П             | П        |          |          | Г  | Γ        | Г        | Π        | Π        | 1   | $\Gamma$ | 92       |          | 1            | $\neg$     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                 |             |          |              | 142      | 4               |          |          |            |            |          |          |          |
| 7    | 43          | П             | П        |          | Γ        |    | Γ        | П        | Γ        | Π        | 1   |          | 93       |          |              |            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I        |                 |             |          |              | 143      |                 |          | 1        |            |            |          |          |          |
|      | 44          | П             | П        |          |          | Γ  | Π        | $\Box$   |          | Π        | 1   | Г        | 94       | ヿ        | $\top$       | $\top$     | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Т        | Π               |             |          |              | 144      | 1. 1            |          |          |            |            |          |          |          |
| 1    | 45          | М             | П        | П        |          | Г  |          |          |          | I        | 1   |          | 95       | $\neg$   | $\top$       | $\top$     | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | T        | Г               |             | Г        |              | 145      | П               | $\neg$   | $\neg$   | 7          | ╗          |          | П        |          |
|      | 46          | П             | П        | П        | $\vdash$ | Г  | Г        | 1        | Τ        | Т        | 1   |          | 96       | 十        | +            | $\dashv$   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T        |                 |             |          |              | 146      | $\sqcap$        |          | $\neg$   |            | ╗          |          | П        |          |
| _    | 47          | П             | П        | П        | Г        | Г  | 1        |          | Γ        | Π        | 1   | Г        | 97       | $\neg$   | _            | 十          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T        | Г               |             |          |              | 147      | П               |          | 一        | $\neg$     | 7          |          | Н        | _        |
| _ 1  | 48          | П             | Н        | М        | Т        | Ι- | 1        | Т        | <u> </u> | T        | 1   |          | 98       | $\dashv$ | $\top$       | 十          | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | T        | Т               | Т           | T        |              | 148      | П               | $\neg$   | 寸        | $\neg$     | $\neg$     |          | Н        | -        |
| _    | 49          | П             | Н        | М        | Г        | Г  | Г        | Т        | Γ        | Τ        | 1   |          | 99       | _        | $\top$       | ┰          | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | T        | $\vdash$        | T           | $\vdash$ |              | 149      | П               | $\neg$   | 寸        | $\neg$     | $\neg$     |          | М        |          |
|      | 50          | -             | -        | $\vdash$ | ⊢        | Н  | _        | 1        | 1        | 1        | 1   | $\vdash$ | 100      |          | _            |            | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +        | 1               | <del></del> | _        | . —          | 150      |                 |          | _        | -          | _          |          | $\vdash$ | _        |